

Appl. No. : 10/007,768  
Filed : November 8, 2001

### AMENDMENTS TO THE CLAIMS

1. (Currently amended) A method for diagnosing ~~the exposure to infectious agents~~ ~~a possibility of cardiovascular disease or autoimmune disease~~ in a patient, comprising the steps of:

- a) obtaining a sample from said patient
- a)b) determining a level of antibodies in the sample, said antibodies being directed against an infectious agent associated with pathogenesis of cardiovascular disease or autoimmune disease or a corresponding recombinant antigen or synthetic peptide in a sample from said patient;
- b)c) comparing the level of antibodies determined in step a) b) with normal levels of said antibodies, wherein  
normal levels of infectious antibodies indicate optimal conditions; and  
higher than normal levels of infectious agent antibodies indicate a presence or the possibility of an infection cardiovascular disease or autoimmune disease.

2. (Original) The method according to Claim 1, wherein step a) comprises determining a level of antibodies against an infectious agent selected from the group consisting of bacterial agent, parasitic agent, and viral agent.

3. (Original) The method according to Claim 1, wherein step a) comprises determining a level of antibodies against an infectious agent selected from the group consisting of Streptococcus sanguis, Streptococcus oralis, Peptostreptococcus anaerobius, Eubacterium alactolyticum, Bacteroides oralis, Porphyromonas gingivalis, Borellia burdorferi, Treponema pallidum, Mycoplasma pneumoniae, Mycoplasma genitalium, Mycoplasma fermentens, Mycoplasma oralis, Chlamydia pneumoniae, Chlamydia trachomatis, Helicobacter pylori, Coxsackievirus, Epstein-Barr virus, Cytomegalovirus, Hepatitis A, and Trypanozoma cruzei.

4. (Original) The method according to Claim 1, wherein determining the level of antibodies in steps a) and b) is accomplished using an immunoassay.

5. (Original) The method according to Claim 6, wherein the immunoassay is an ELISA test.

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6. (Original) The method according to Claim 1, wherein the antibodies in steps a) and b) is measured from saliva.

7. (Original) The method according to Claim 6, wherein the measured antibodies are IgA.